Rob Snihur QCD mtg., Dec. 12, 2003.

Jet Subgroup Report

- Review progress towards goals for Winter 2004 conferences
- Assist other groups:
 - Jet Corrections (Jet Task Force)
 - MC Simulation
- Planning move to IP-based video conferencing
- Meetings: Off-week Fridays 11:30-1 in Trailer 159 (video available)
- Mailing list: cdf_jet@fnal.gov (archived)
- Web page: link from CDF QCD page holds copies of presentations

Goals for Jet Analyses

- Midpoint algorithm for all analyses
- Inclusive jet cross section (& diet has
 - Want to see raw s (jet): data vs. \ C
 - Unsmearing to hadron level i Rh I I
 - Focus on central
 - Forward is secondal
- Dijet angular:
 - Unsmale had by a religing Run II MC
 - -No plant of the limit of the forward region
 - The last sealing his
 - 1 d d in 12 & .4 or 0.7
 - lid bendent analyses
 - ั HЫ ใช unsmear b-jets?
- | V+1e
 - Ourlap with lepton+jets group
 - Focus on jet-specific issues

Talks on Jet Analyses

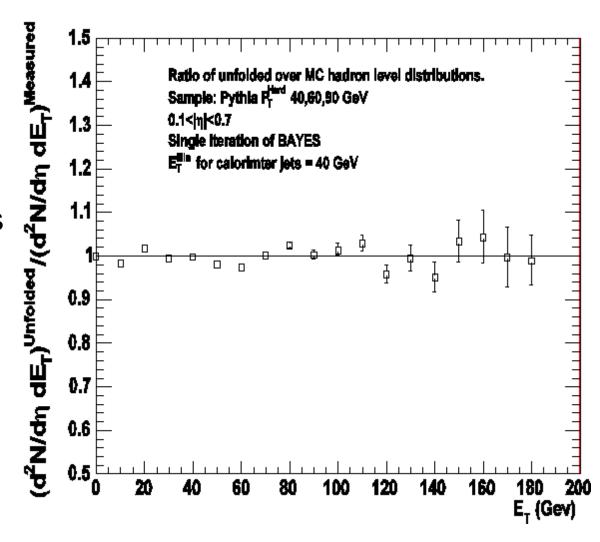
Blue = QCD mtg.

Red = Jet mtg.

- Midpoint algorithm for all analyses!
 - Oct. 3 MidPoint Algorithm Joey Huston
- Inclusive jet cross section
 - Oct. 10 Unsmearing using the MC and Unfolding based on Bayes Theorem F. Chlebana
 - Oct. 17 Jet Inclusive Analysis Gene Flanagan
 - Oct. 24 Update on Unfolding Using the Bayesan Method G. Flanagan
 - Oct. 24 Status Report on Runll Jet XSec Unsmearing: G. Latino
 - MonteCarlo Stntuples Production Status.
 - Incl. Jet XSec. Data-MonteCarlo Comparison Status
 - Oct. 31 Inclusive Jet Studies G. Latino
- Diiet Mass
 - Nov. 07 Absolute Jet Corrections from Run 1 & Run 2 and the Dijet Resonance Search R. Harris
 - Oct. 10 Progress & Plans for the Dijet Mass and Angular Fraction Analysis R. Harris
- Dijet angular:
 - Nov. 07 MC Comparisons 5.1.0pre7 and 4.9.1 Lee Pondrom
- b-jet cross section:
 - Oct. 03 Inclusive b-jet x-section Monica D'Onofrio
 - Oct. 24 Update on b-Jet XSec Measurement
 - Oct. 31 B-jet Production
 - Oct. 10 Update on b-Jet XSec Measurement
 - Nov. 21 Jets Trigger efficiency: JetClu and MidPoint
- W+jets:
 - Oct. 17 W+jets Studies B. Cooper
 - Oct. 31 W+jets Studies B. Cooper
 - Nov. 14 W + n Jets Update Andrea Messina
 - Nov. 21 W + Jet Cross Section (PreBlessing) Andrea Messina
- Misc.
 - Oct. 10 Organizing Data and MonteCarlo Stntuples Production for Winter 04 Conferences G. Latino
 - Nov. 07 New MC Request/Stntuple Production Status G. Latino

Inclusive Jet Cross Section

- New unfolding procedure
- Uses MC
- Test:
 - Split MC samples in half
 - Determine resolution matrix with one
 - Apply to the other
 - Plot cross section ratio



Inclusive b-Jet Cross Section

 Midpoint (R=0.7) algorithm trigger efficiency

Forward eta bins too!

More details in:

http://www-cdf.fnal.gov/internal/
people/links/MonicaDOnofrio/b_incl.html

